

**Damage estimates reported by governments of Asia and the Pacific:
tropical cyclones, floods and other natural disasters in 1998**

Country/area and sources of data	Type of disaster	Period covered and regions affected	Casualties	Material damage (units) ^{a,b}	Total estimated damage (US\$)
Australia Bureau of Meteorology	Bushfire	1-13 Jan. Victoria alpine region	...	32,000 ha of farmland affected	...
	Tropical cyclone	29 Jan. - 1 Feb. Western Australia/ Northern Territory	3 dead Several hundred homeless Several affected	Houses/buildings: Several destroyed	13 million
	Floods	7-14 Jan. Queensland	1 dead Several thousand affected	...	6.5 million
	Floods	23-24 Feb. Victoria	1 dead	Extensive damage to houses/buildings 21,000 head of sheep and 40,100 head of cattle killed Extensive road damage 270 bridges destroyed or damaged Electricity supplies disrupted	38-51 million
	Heavy rain	17-18 Aug. New South Wales	4 dead	500-600 houses/buildings damaged and affected Extensive road damage Railway services disrupted	...
	Thunder- storm	22 Sept. South Australia	...	2,400 ha of farmland affected 2,000 glasshouses damaged	39 million
Hong Kong, China Hong Kong Observatory	Heavy rain	26-27 Apr. Territory- wide	...	Electricity supply to 2,974 families affected 3 landslides	...
	Heavy rain	24 May New Territories	8 injured 17 homeless 60 affected	168 ha of farmland damaged 977 tons of vegetables destroyed 43.9 tons of pond fish destroyed 1 landslide	500,000
	Heavy rain	9-10 June New Territories	1 dead 2 injured 2 homeless 14 affected	Houses/buildings: 14 destroyed 5 damaged 10 affected (evacuated) 54 ha of farmland affected 238 tons of vegetables destroyed 22 tons of pond fish destroyed Electricity supply to 6,759 families disrupted 1 river embankment site and 2 irrigation facilities damaged 45 landslides	320,000

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Hong Kong, China (continued)	Severe tropical storm Penny	7-11 Aug. Territory-wide	1 dead 1 injured	Electricity supply to 4,653 families affected	...
	Tropical depression	21-22 Aug. Territory-wide	...	Electricity supply to 372 families affected	...
	Tropical depression	12-14 Sept. Territory-wide	10 injured	Electricity supply to 1,195 families affected	...
	Typhoon Zeb	10-17 Oct. Territory-wide
	Typhoon Babs	15-27 Oct. Territory-wide	14 injured	Electricity supply to 8,166 families affected	...
India Central Water Commission	Floods caused by heavy rain	1 May-31 Oct. Nationwide	2,736 dead/missing 51.556 million affected	856,969 houses and other buildings partly damaged 8,271,060 ha of farmland affected 5,190,000 ha of cropped land affected 44,010 head of livestock killed	1.01 billion
Japan Meteorological Agency	Floods caused by heavy rain	15-19 May Kinki to Okinawa	6 dead 1 injured	Houses/buildings: 1 destroyed 3 damaged 1,924 affected 143 ha of farmland affected 409 road sites and 2 bridges damaged 180 telecommunications circuits affected 82 landslides	36.25 million
	Floods caused by heavy rain	27-31 July Tohoku to Tokai	3 injured	Houses/buildings: 12 damaged 1,267 affected 1 ha of farmland affected	...